BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(A Government of Karnataka Undertaking)

INVITATION FOR BIDDER

(Through e-Procurement)

Tender No. BESCOM/2023-24/SE0098

VOLUME-I

Section-I

"For Repairs and Reconditioning of 11KV class single coil/multi coil Conventional (Aluminium wound) and 3,4,5 Star Rated failed Distribution Transformers of various Capacities from 25 to 500 KVA and Conversion of CSP to Conventional bolt & nut type on lumpsum percentage (%) Rate basis (Material, Labour & Salvage) at Transformer repair center in RR Nagara, RR Nagara Division of BESCOM Jurisdiction".

ISSUED BY

Deputy General Manager (Ele)
Operations-1, Corporate office,
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BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED
(A wholly owned Govt. of Karnataka Undertaking)

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Deputy General Manager (Operations-1),
Corporate Office, K.R. Circle
Bangalore-560 001
Date:

SHORT –TERM TENDER

Invitation for Bidder

(*E-Procurement mode*)

1.0	**Bid Enquiry**	**BESCOM/2023-24/SE0098**
2.0	**Name of the work**	"For Repairs and Reconditioning of 11KV class single coil/multi coil Conventional(Aluminium wound) and 3,4,5 Star Rated failed Distribution Transformers of various Capacities from 25 to 500 KVA and Conversion of CSP to Conventional bolt & nut type on lumpsum percentage (%) Rate basis (Material, Labour & Salvage) at Transformer repair center repair center in RR Nagara, RR Nagara Division of BESCOM Jurisdiction**"**.
3.0	**Approximate Value of Work**	Amount put to tender for one year is **Rs. 89,00,000 /-** (Rs. Eighty Nine Lakhs Only).
4.0	**Scope**	**1.** The Bidder shall collect the failed distribution transformers from concerned Divisional stores only. **2.** The Bidder shall ensure the Serial Number of the Distribution transformers with make along with name plate details. In case if NNP transformer is available for repair the AEE (O) Division shall arrange to issue serial number of the distribution transformer as per the procedure adopted for Distribution Transformer Life Cycle Management Software(DTLMS) and as per the directions issued from the Corporate Office time to time. **3.** Loading of failed transformers at divisional stores and unloading of failed transformers at repair centre shall be carried out by the Bidder. **4.** Transportation of the faulty transformers from divisional stores to repair centre shall be carried out by the Bidder. **5.** The inspection shall be carried out by AE/JE/SO of Section & AEE of C, O&M Sub Division & report in **Annexure-1** shall be drawn at the field on reporting of transformer failure by the Section Officer and upload the Annexure-1 in DTLMS. **6.** All the failed Transformers shall come to store without fail. The faulty Distribution Transformer shall be collected immediately from the date of award after fulfilling the requisite formalities. Each transformer should be opened out by removing top plate, yoke should be taken out & the HT/LT coils shall be removed at the respective stores either by drilling through the length of coil or by cutting the coil in presence of the

		officials as per circular no: Cys-121 dtd 02.02.2024 & report in **Annexure-2.** **7.** This shall be video recorded using CCTV already fixed at stores and shall be preserved. This video recorded shall be preserved with AEE (O), Division Office on monthly basis and it should be stored at Division Office. **8.** The damaged coils shall be retained by the repairer in salvage as scrap. **9.** The reason for failure of WGP DTR's analysed by the officials as per circular no: Cys-121 dtd 02.02.2024 & to declare the transformer to be repaired in WGP or not, in **Annexure-3** jointly signed by them. A frequent test check by CEE (C, O&M Zone), SEE (C, O&M Circle), CGM (OP), GM (QS & S) and DGM(Op-1) shall be conducted to verify the reason for failure. The Annexures 1, 2 & 3 are enclosed. **10.** If the Distribution Transformer is failed within the Guarantee period then Annexure – 3 shall be uploaded in the DTLMS. Further if failure is due to Bad workmanship or the failure of repaired coil, the repairer has to collect the DTR within 7 days and repair and return within 10 days at free of cost. The WGP transformers shall be analysed and report should be submitted by the committee headed by the Executive Engineer to Corporate Office on monthly basis. Further all the WGP transformers transaction has to be made at divisional Store compulsorily. The Store Officer and the store keeper of respective Divisional store shall take inventory of all the failed Transformers (AGP/WGP) received at stores. **11.** The inspection has to be carried out as per the Prevailing Circular. **12.** The released scrap materials like yoke, coils and other unserviceable parts shall be taken back by repairing Firm/Agency/Contractor at a salvage value quoted by them. **13.** The Scope for repairs to faulty distribution transformers: **13.1** The Firm has to repair the faulty DTRs Aluminium wound single coil/multi coil Conventional, 3, 4, 5 Star Rated Transformers of all capacities and conversion of CSP to Conventional bolt & nut type on lumpsum Rate basis. **13.2** The Firm has to repair the faulty DTRs by providing multi coils design where sufficient core space are available in the DTRs for its suitability, if not single coil system shall be adopted in consultation with the EE/AEE of MT Division and AEE of QS &S. **13.3** The Firm has to repair the faulty Star Rated DTRs by adopting the same technology and designs with least copper & iron losses.

		13.4 De-tanking of core and coil assembly, cleaning and washing of dust and dirt from all parts including core, tank & cooling tubes. **13.5** Replacement of major & minor materials like HT/LT coils, breather, Gasket, LV & HV bushing with metal parts, Brass bolts and nuts, tightening of bolts, nuts & Reconditioning of CGRO laminated core and Tank. **13.6** Assembling of all parts after replacement or Repairing of the damaged parts and filling up of new/reclaimed oil of EHV grade supplied by BESCOM which are tested as per IS Standard. **13.7** Painting, brazing, soldering closing of top plate ovening of repair good transformer. **14.** The repair good transformer shall be tested in the presence of EE/AEE, MT Division with duly conducting tests as per the standards specified in the bid and top cover of the repaired good DTR shall be plastic numbered sealed and the same should be certified against delivery of transformer. **15.** All repaired good transformers shall be got tested at the latest/ automatic test benches of BESCOM located at Divisional store before accounting to store for satisfying the minimum requirements of quality **16.** Conversion of sealed/CSP type to Conventional bolt & nut type of 25, 63 & 100 KVA capacity & above if any. **17. Engraving of Unique ID Codes:** The Six digit DTR code issued in DTLMS available on the failed DTRs has to be engraved at repair centre by the agency at free of cost for all the Transformers received for repairs. If the DTR codes are not available on the failed Transformer, the repairer has to collect the DTR code from the concerned AEE(O), Division and then engrave on DTR. Further, the Store Officer has to ensure that, all the repaired good Transformers have to be engraved with DTR codes while receiving the repaired Good Transformer. **18.** The repairer should take the videography of the transformer repair works which includes complete repair activity at repair center.
5.0	**Period of contract**	The Contract Period is for a period of 2 years. The contract period of one year is at first instance, and extendable for another one year based on the performance of the firm on renewal of currency at the discretion of BESCOM.
6.0	**Type of tender**	Two part tender Part-I : Techno commercial bid Part-II : Price bid
7.0	**Bid validity**	Bids shall be valid for 180 Days from the date of opening of techno-commercial bids.

8.0	**Tender processing fee**	As per e-Procurement portal
9.0	**EMD**	a) The Bidders shall pay EMD of ₹ 89,000/- (Rupees Eighty Nine Thousand only) through any of the payment modes mentioned in the e-procurement portal. b) Government/Quasi Government/Public Sector undertakings are not exempted from payment of EMD. The EMD shall be furnished along with the bid. c) Bids received without accompanying the requisite EMD are not accepted and liable for rejection.
10.0	**Bid Documents**	Bid documents in the following format will be available in e-portal on or after **23.02.2024 at 16:00 Hrs** on or after. **Volume-I** Section I : Invitation For Bids (IFB) Section II : Instruction To Bidders (ITB) Section III : General Conditions of Contract (GCC) Section IV : Annexure's (C1, C2, C3, D, E, F)(Annexure I to IV) **Volume-II** Section I : Techno-Commercial schedules Section II : Price schedules **Volume-III** Technical Specifications
11.0	**Calendar of Events**	
11.1	Date of availability of electronic bid documents in e-Procurement portal	**23.02.2024 @ 16:00 Hrs** on or after
11.2	Pre-Bid Meeting	27.02.2024 at 12:00 Hrs
11.3	Last Date & Time for seeking clarification	27.02.2024 at 13:00 Hrs
11.4	Last date & time for submission of electronic bid documents in e-Mode only	01.03.2024 at 17:00 Hrs
11.5	Date & time of opening Techno-commercial bids	02.03.2024 at 17:30 Hrs.
11.6	Date & time of opening Price bid	Will be opened in e-procurement portal after completion of Techno-commercial evaluation & TSC. Separate intimation regarding date of opening of price bid will not be intimated.
12.0	Quantity	1. Approx. 150 Nos. of failed distribution Transformers per month. 2. The quantity indicated may vary during the execution of the order depending on the no. of Transformers failed or no. of Transformers allotted for repair during the period of contract. 3. BESCOM reserves the rights to issue the No. of transformers to the Bidder on the basis of performance/Quality of repair of Transformers supplied by them during the period of contract.

13.0	Annexure–1 : Failure declaration by AE/JE/SO of Section. Annexure–2 : Inspection report by Committee. Annexure-3: Analysis of failed distribution transformer in W.G.P by Firm, and Committee members. Price Bid Annexure – A (Price sheet Abstract (both conventional & Star rated) A1(Capacity wise Unit Rate) Annexure – C1 (Techno Commercial Sheet) C2 (PQR conditions fulfilment Sheet) C3 (Assessment of Financial capability of Firm) Annexure – D (Details of T & P materials and test equipment's available with tenderer) Annexure – E (Declaration by the Bidder) Annexure – F (Bid form)	The Bidder has to quote % increase or % decrease for establishing repair centre for carrying out Repair and Reconditioning of 11KV class single coil/multi coil Conventional (Aluminium wound) and 3,4,5 Star Rated failed Distribution Transformers of various Capacities from 25 to 500 KVA and Conversion of CSP to Conventional bolt & nut type on lumpsum percentage (%) Rate basis (Material, Labour & Salvage) of BESCOM jurisdiction as per the scope of the Tender as per applicable Goods & service taxes etc., in the e-procurement portal. Annexures A, A1 are for reference of the Bidder. These sheets are only for reference to the Bidder to quote the percentage. The Bidder should not quote Percentage in price sheet uploaded as Annexure-A and if quoted same will not be considered for evaluation. **The Bidder has to quote the % increase or decrease in e-portal only, which will be considered for evaluation**. The Bidder shall also fill and upload the **signed scanned copy of the Annexures** (C1, C2, C3, D, E &F) in the e-procurement portal.
14.0	Annexure – I (Transformers Repair status register) Annexure – II (Stage Inspection register) Annexure – III (Raw material inspection register) Annexure- IV (Transformers Test result register)	The Bidder should maintain the register and to be duly signed by the respective officer. The EE of respective Division has to visit, verify and sign in these registers once in 15 days. This register to be shown at the time of inspection by higher authorities. Transformer Test Result register shall be signed by AEE, MT Division.
15.0	Annexure – V (Contract Agreement) Annexure- VI (Contract performance Guarantee)	The successful Bidder shall submit Contract agreement & contract performance guarantee after issue of LOI as per the requirement of BESCOM.

16.0 Qualifying Requirements:

16.1 Technical requirement:

I. Transformer repair:

a) The bidder should be a company, registered under companies act 1956/2013 or partnership firm or proprietorship.
In case of company, the bidder should upload the Valid certificate of registration/incorporation certificate/Memorandum of Association (MOA)/ Articles of Association (AOA) under companies act.

In case of Partnership firm, the bidder should upload the partnership agreement.
In case of Proprietorship firm, the bidder should upload GST registration and copy of PAN card.

b) The bidder should have a valid "Registration certificate of Establishment" issued by the department of labour, Government of Karnataka i.e., form -C. Nature of business should be "Transformer repairs".
The bidder should upload valid Registration certificate of establishment issued by the Department of Labour, Government of Karnataka i.e., form -C. Nature of business should be "Transformer repairs".

c) The Transformer repairer should have carried out repair of failed Distribution Transformers at least 100 No's totalling of all capacities ranging from 25 to 500 KVA (Aluminium / copper wound) in any one of the five preceding Financial year i.e. 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23 in BESCOM/ ESCOMs of Karnataka.
The bidder should upload total Number of Transformers work order/work awarded for repairs issued by EE's/SEE's of respective jurisdiction of BESCOM/ ESCOMs of Karnataka duly signed by the Divisional Engineer as per Abstract-1 (enclosed).

d) The % failure rate of repaired distribution Transformers within guarantee period should be less than 6% in particular year.
For example if Bidder has repaired 1250 nos. of transformers during 2018-19 and has uploaded 100 Nos for meeting Technical requirement as in QR I(c), in such case the bidder should upload performance certificate for total 1250 Nos. of repairs carried out in that particular year i,e., 2018-19.
The bidder should upload all the transformers repaired during the year for the same year uploaded in QR I (c).
The Bidder Should upload the Performance Certificate for the above along with Percentage failure rate of repaired Distribution Transformers within guarantee period as per Abstract-2 duly certified by the concerned jurisdictional Executive Engineer (Ele) of C, O&M Divisions of BESCOM/ ESCOMs of Karnataka.

e) Bidder should have necessary infrastructure for repairing at least 150 Nos. of Distribution Transformers per month.
The bidder should upload Annexure -D signed by the respective jurisdictional divisional Executive Engineer (Ele), C, O & M in Karnataka.

f) The Bidder should engage qualified personnel having Degree in Bachelor of Electrical Engineering/ Diploma in Electrical Engineering to supervise the process of Distribution Transformer repair works.
The Bidder should upload necessary Self-Declaration in the firm/agency letter head.

g) The bidder should possess the following valid registration certificates in the name of the Proprietorship/firm/Company as mentioned in QR (a)
i. EPF registration certificate
ii. ESI registration certificate
iii. PAN card
iv. GST registration certificate
The Bidder should upload scanned copy of original valid certificates of the EPF, ESI, PAN, GST Registration Certificates

h) The bidder should have statutory certificate issued by KSPCB for the existing transformer repair center. If they don't have statutory certificate then the bidder shall furnish Self-declaration on Rs 200/- Stamp paper.

i) The Bidder should upload necessary statutory certificate issued by KSPCB for the existing Transformer repair center.

OR

ii) Self-declaration on Rs 200/- Stamp paper duly declaring that, if the bidder becomes L1, they will submit the statutory certificate issued by KSPCB in the name of Proprietorship/firm/ Company pertaining to respective repair center address within 30 days from the date of LOI.

i) The bidder should not have been terminated due to breach of contract/black listed/ defaulted/short closed due to non-performance in execution of works against work awards placed by ESCOMs/Electrical Utilities/ Electricity Boards in India at the time of last date of tender.
The bidder should upload Self declaration in the firm/agency letter head at the time of last date of tender.

j) Those bidders who have already established more than two repair centers as awarded by other ESCOMs of Karnataka AND the bidders who have been already awarded one repair center vide tender called on 15.03.2023 in BESCOM jurisdiction are not eligible.

The bidder should upload Self-Declaration in the firm/agency letter head duly indicating details of existing repair centers as awarded by ESCOMs of Karnataka

k) The bidder should agree to install minimum of 5 Nos. of Web based CCTV cameras at suitable place in the repair center at his own cost as per the BESCOM requirement for monitoring of all the activities in the repair center before start of repair work and it should be maintained till the completion of contract period
The bidder should upload self-declaration in this regard.

l) The WGP Transformers should not be pending for repairs as on 30.11.2023 and has returned to concerned stores in BESCOM/ ESCOM's of Karnataka. Further if it comes to the knowledge of BESCOM that, if their exists WGP transformers then the bid is liable for rejection.
The bidder should upload the self-declaration stating that there is no WGP transformers pending for repairs as on 30.11.2023 and has returned to

concerned stores in BESCOM/ ESCOM's of Karnataka as per the Abstract-3 (enclosed).

II. Financial requirement:

a) The Annual Financial Turnover of the Bidder in **any one of the previous five financial years i.e., 2018-19, 2019-20, 2020-21, 2021-22 and 2022-23** shall not be less than **44,50,000/- (Rs. Forty Four Lakhs and Fifty Thousand Only).** The bidder should upload original scanned copy of the audited Annual Accounts for the year **2018-19, 2019-20, 2020-21, 2021-22 and 2022-23**. In case Audited Annual Accounts is not available for FY 2022-23, the bidder should upload the original provisional Profit & Loss account and balance sheet duly certified by the Chartered Accountant.

b)

i. The availability of Liquid Assets of the Bidder consisting of **Cash at Bank + Term Deposits + availability of fund based credit facilities** in any Nationalized/ scheduled Bank as on date of NIT or at later date shall not be less than **Rs. 22,25,000/- (Rupees Twenty Two Lakhs and Twenty Five thousand Only).** The bidder should upload the valid certificate issued by the Nationalized/ scheduled Bank with whom the Bidder has banking facilities regarding cash at Bank, Bank deposits and availability of fund based credit facilities. If the Bidder has banking with more than one Bank, then the available balance liquid assets mentioned above on a particular date i.e., as on date of NIT or any later date shall be the same date for all the banks.

Note:

1. The required original documents for fulfilling the above should be scanned and uploaded along with the filled in Annexure C1 to C3, E & F in the prescribed format to be signed by Bidder & Annexure D is to be signed by respective jurisdictional divisional EE, C, O & M. Document notarized/Xerox will not be considered.
2. Power of Attorney in favour of an individual to sign the tender documents in case of Partnership firm/company registered under companies act.
3. The documents which are uploaded by the bidder should be the same proprietor in the same firm.
4. The required documents for fulfilling the above Qualifying requirements shall be uploaded along with the techno-commercial bid as prescribed.
5. The Original copy of EPF/ESI registration Number, Labour License, GSTN Registration Number with date, Industrial License, KSPCB consent letter, PAN Number to be scanned and uploaded. No Xerox copies are allowed to be uploaded
6. If any information stated in the above said declarations found false at any stage of tendering process or after issuing LOI/DWA, then the contract will be liable for cancellation and necessary action will be taken as per clause 18.0 of IFB.
7. All repaired good transformers shall be got tested at the latest/automatic test benches of BESCOM located at Divisional store before accounting to store for satisfying the minimum requirements of quality

17.0 General Conditions

1. Maximum of 1 repair center will be awarded to the successful bidder in BESCOM jurisdiction at discretion of BESCOM.
2. If the Bidder intends to participate in more than one bid enquiry then the Bidder shall fulfill the Qualifying requirements of each individual bid enquiry and shall meet Technical & Financial condition cumulatively of all the enquiries participated. If the bidder does not meet cumulative condition of all the enquiries participated, then the bid will be considered based on the descending order of the contract value starting with the highest amount put to the tender for which the bidder is eligible at the discretion of BESCOM.

3. If the bidder is technically qualified in more than one bid, the price bid will be opened in the descending order of the contract value starting with the highest amount put to the tender for which the bidder is eligible at the discretion of BESCOM. If the bidder becomes L1 in one bid then the remaining price bids will not be opened.
4. However if no competitive bids are received in a tender, BESCOM may reserve the right at the sole discretion of the company to consider and to entrust more than one award to a bidder in the interest of BESCOM.
5. Notwithstanding anything stated herein above, BESCOM reserves the right to assess the capacity and capability of the Bidder, if the circumstances warrant such assessment in the interest of BESCOM. BESCOM reserves the right to waive any minor non-conformity or any minor irregularity in an offer, if they do not affect the capability of the Bidder to perform the contract.
6. In case the uploaded bid documents could not be opened/not visible at the time of opening of Techno-commercial bids, the bids are liable for rejection and BESCOM will not be responsible in any manner.
7. Only the documents that are uploaded in e-portal are considered.
8. If the tender of the successful bidder is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may required the bidder to produce detailed price analysis for any or all items of the Bill of quantities, to demonstrate the internal consistency of those prices with the present practice of repair. After evaluation of the price analyses, the employer may require that the amount of the performance security set forth in Clause 26 of ITB be increased at the expense of the successful bidder to a level sufficient to protect the employer against financial loss in the event of default of the successful under the contract.
9. Any Bidder from a country which shares a land with India will be eligible to bid in this tender only if the Bidder is registered with the Competent Authority. A certificate for having read the clauses is required to be submitted/uploaded by the Bidder separately in the following format:
   "I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this Bidder fulfills all requirements in this regard and is eligible to be considered.(Where applicable, evidence of valid registration by the Competent Authority shall be attached.)".

18.0 False information/furnish of fake documents: If the information furnished by the Bidder found to be false at any stage of tendering/execution, then the BESCOM, at its discretion may take action against such Bidder. If false information is found at the tendering stage BESCOM may forfeit the EMD, disqualify the offer of such Bidder, Blacklist the Firm etc.., and if false information is found at execution stage then BESCOM may cancel the works awarded, forfeit the Bank Guarantee furnished against the performance of the contract, Black list the Firm, besides initiating action for recovery of excess money paid by BESCOM if any after getting the works executed from other contractors, levy liquidated damages etc..,

19.0 Even though the bidder meet above qualifying criteria as per their statements, they are subject to be disqualified if they have,

- Made misleading or false representations in statements and attachments submitted as proof of the qualification requirement and /OR
- Record of poor performance such as poor quality of product, not properly completing the contract, inordinate delays in supply completion, or financial failures etc.,

20.0 Corrupt or Fraudulent Practices:

The BESCOM requires that the Bidder/Contractors/Agencies, observe the highest standard of ethics during the procurement and execution of such contracts, in pursuance of this policy, BESCOM.

a) Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

b) Will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a BESCOM contract if it at time determines that the Bidder/Firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a BESCOM contract.

c) BESCOM will forfeit EMD, if the tender is at awarding stage and forfeit Bank Guarantee furnished towards faithful performance of contract if the tender is in execution stage.

21.0 The Bidders can obtain the tender documents from e-procurement Web site https://kppp.karnataka.gov.in

22.0 The prospective Bidders are advised to register their user ID, password, company ID in e-procurement.

23.0 Any clarification regarding the scope of work and technical features of the enquiry can be obtained from the undersigned during office hours. All the documents shall be uploaded in the e-portal only, hard copy of the document will not be entertained.

24.0 BESCOM reserves the right to accept or reject any bid, and to annual the bidding process and reject all bids at any time prior to award of Contract without incurring any liability to the affected Bidder/Bidders or any obligation to inform the affected Bidder / Bidders.

For further information, contact:

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